APPENDIX

US Patent
4,543,848

Current patent
application

subarray
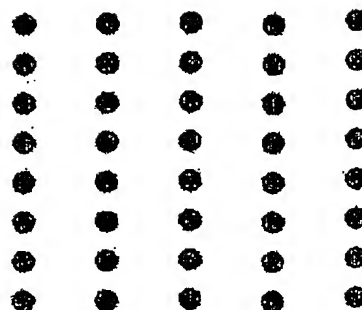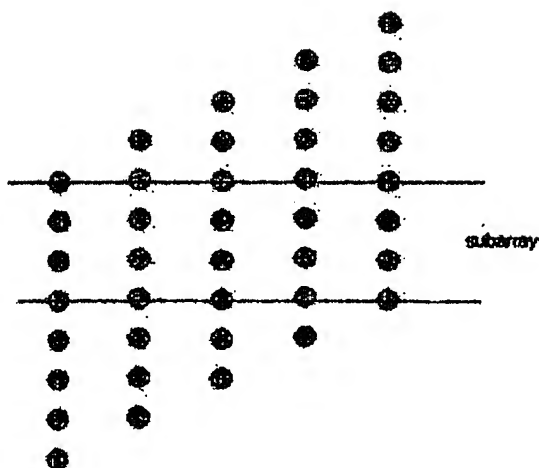
US 4,543,648	Applicant's Invention
1) Aimed at wireline logging where the tool moves between the successive transmitter firings.	Aimed at LWD/MWD, where the tool is essentially at the same place between the successive transmitter firings.
2) Needs to be done for subarrays.	Works for either subarrays or full arrays.
3) The tool movement between successive transmitter firing is controlled at one inter-receiver spacing.	No restriction, tool movement is controlled by the ROP (rate of penetration).
4) In order to combine the subarrays, **the coherence measure computed from data have to be projected to a slowness axis.**	No requirement for projection is needed. The coherence measure computed from the data can be directly combined and averaged.

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